

ILLEGIB

Approved For Release 2001/06/09 : CIA-RDP78T05439A000400230015-0

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~~TOP SECRET RUFF~~

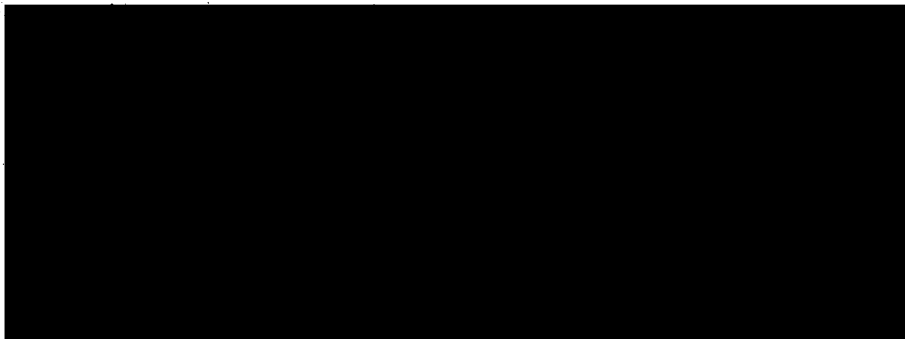
HANDLE VIA
TALENT-KEYHOLE
CONTROL SYSTEM ONLY

TCS No. 9167/64
IB No. 404/64
4 November 1964
Copy No. 7

MEMORANDUM FOR: Chief, Manufacturing and Service Division, ORR
ATTENTION :  25X1A
THROUGH : Chief, Requirements Branch, Reconnaissance Group, CGS
FROM : Chief, CIA/PID (NPIC)
SUBJECT : Rail Study of Communist China
REFERENCES : (1) ORR Requirement No. C-RR4-81,487
(2) CIA/PID Project No. C 1017/64

1. This memorandum is in response to the referenced requirement concerning a railroad study of Communist China on the areas covered by AMS Map Sheets NK45, NK46 and NK47. This study is designed primarily for the purpose of determining the extent of new rail construction since 1960.

2. The study was based on photography obtained from the following missions:



25X1D

3. All rail lines observed on the above referenced missions, with their branch or spur lines, are plotted on the enclosed annotated overlays (CIA/PID/IB-P-1445/64, through CIA/PID/IB-P-1447/64). All rail served industries where possible were located and identified on the enclosed annotated overlays. No new rail construction activity was noted. All abandoned construction is annotated on the enclosed overlays.

Declass Review by NIMA/DOD

GROUP 1
Excluded from automatic
downgrading and
declassification

~~TOP SECRET RUFF~~

HANDLE VIA
TALENT-KEYHOLE
CONTROL SYSTEM ONLY

15114

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TCS No. 9167/64
Page 2

SUBJECT: Rail Study of Communist China.

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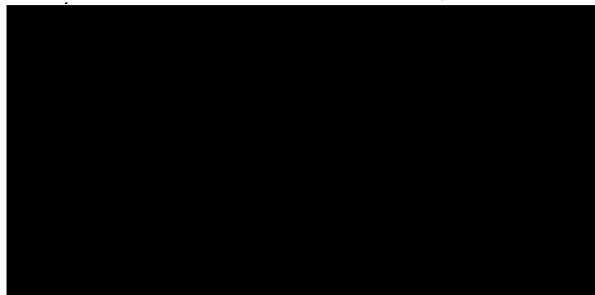
4. The photo analyst assigned to this requirement was [REDACTED] who may be contacted directly on extension 2607 should there be any further questions regarding this study. This requirement is considered complete as of the date of this memorandum.

25X1A

ENCLOSURES:

3 Overlays

(CIA/PID/IB-P-1445/64 thru P-1447/64)



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TU-LULFANATUHRANFAN)

AMS NK 45 SERIES 1301

FIRST EDITION-AMS

TCS 8856/64 NK45

LR 380/84



25X5

PRINTED BY ARMY MAP SERVICE, CORPS OF ENGINEERS, 7-52, 10128

Scale 1:1,000,000

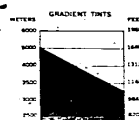
MODIFIED POLYCONIC PROJECTION OF THE INTERNATIONAL MAP OF THE WORLD

ALL HEIGHTS ARE REFERRED TO MEAN SEA LEVEL

HEIGHTS IN METERS

INDEX TO ALL MAPS

ADN NUTRATIVE INDEX



Approved For Release 2001/06/09 : CIA-RDP78-06436A000400230015-0

TOP SECRET RUFF

AMS NK 45 SE

TCS 8856/64

FIRST EDITION-AMS

LR 389/64

ASIA 1:1,000,000

TULUAT (TULUAT)

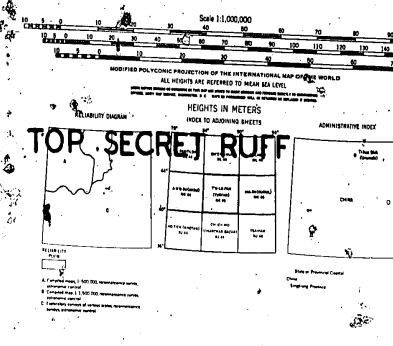


25X5



1:500,000 Scale
 MODIFIED POLYCONIC PROJECTION OF THE INTERNATIONAL MAP OF THE WORLD
 ALL HEIGHTS ARE REFERRED TO MEAN SEA LEVEL
 1:500,000 Scale
 MODIFIED POLYCONIC PROJECTION OF THE INTERNATIONAL MAP OF THE WORLD
 ALL HEIGHTS ARE REFERRED TO MEAN SEA LEVEL

25X5
 TOP SECRET RUFF
 INDEX TO ADDING SHEETS
 ADMINISTRATIVE INDEX
 GLOSSARY
 EXPLANATORY NOTES
 POPULATED PLACES
 TULU-FAN (TURFAN)
 CHINA
 1:500,000 Scale
 MODIFIED POLYCONIC PROJECTION OF THE INTERNATIONAL MAP OF THE WORLD
 ALL HEIGHTS ARE REFERRED TO MEAN SEA LEVEL



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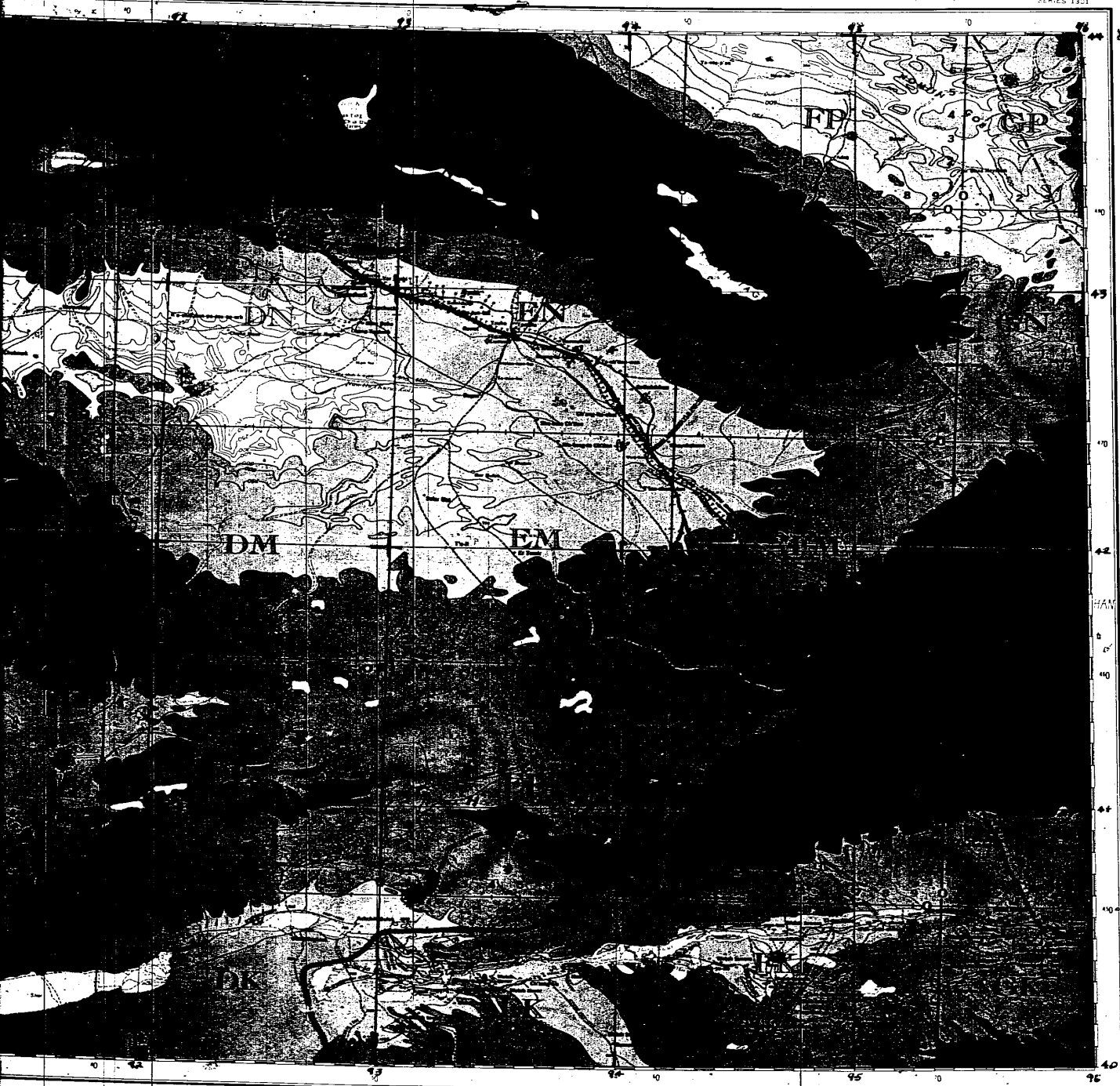


ИЗДАНИЕ

1B 389/64.

REFER TO THIS MAP AS:
NK 46
SERIES 1301

SERIES 1301
SHEET NK 46
EDITION 1-AWS



\$500,000.00

PRINTED BY ARMY MAP SERVICE, CORPS OF ENGINEERS, 6-58, 116032

MODIFIED POLYCONIC PROJECTION OF THE INTERNATIONAL MAP OF THE WORLD

TOP SECRET RUFF

GRID ZONE DESIGNATION
46T

LINE IN SQUARE IDENTIFICATION

CP DP EP FP

CM	DM	EM	FM	GM
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TO GIVE A STANDARD REFERENCE ON
THIS SHEET TO NEAREST 1/100 INCH

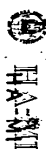
1 Road works starting 1500 hrs

2. Using the χ^2 test, is there a significant difference between the two groups? $\chi^2 = 1.1$, $df = 1$, $p = .29$.

[illegible]

TOP SECRET RUFF

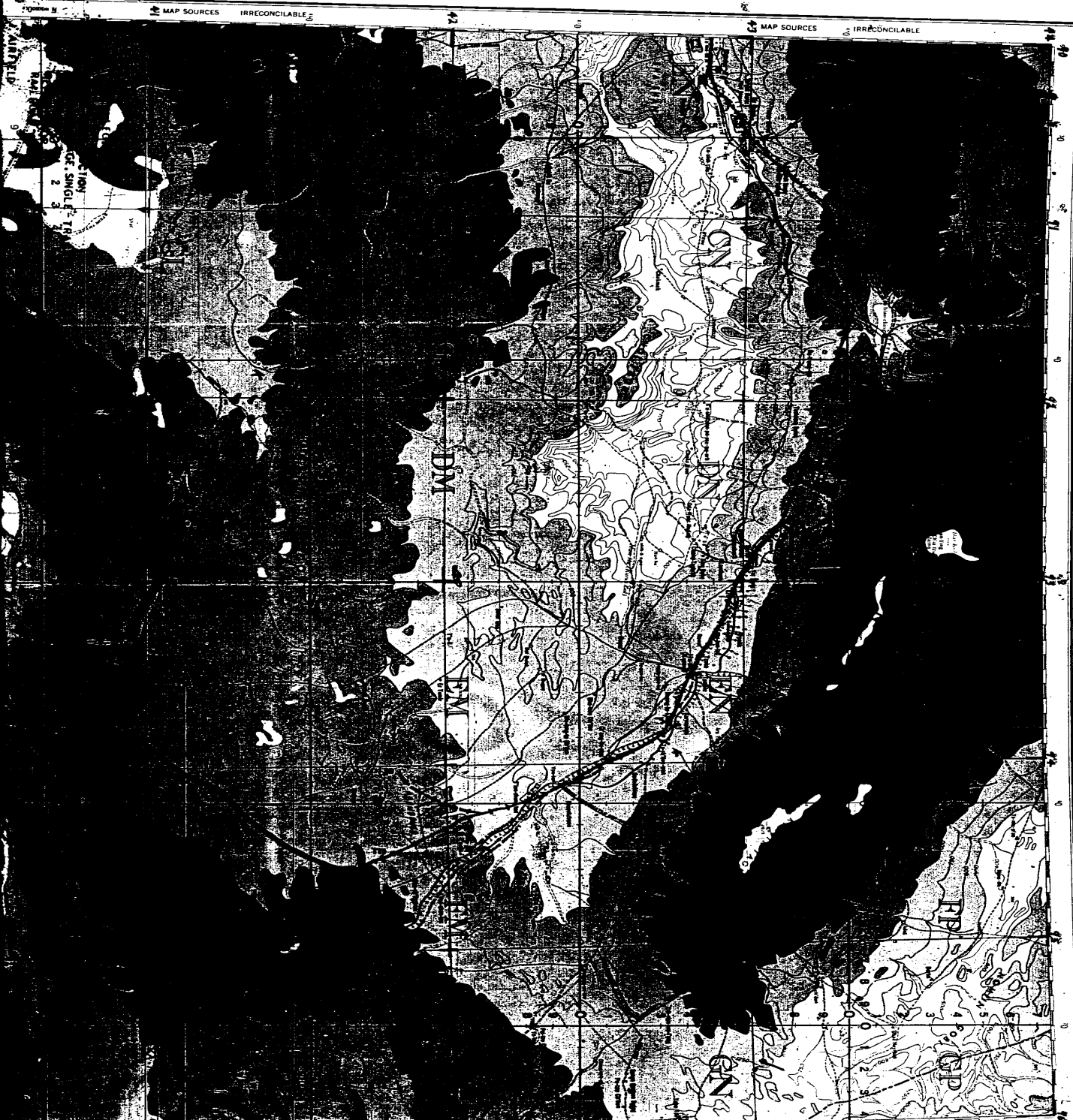
WORLD (ASIA) 1:1,000,000

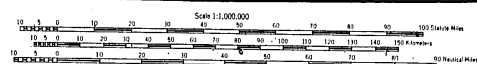


EDITION 1-AMS

AMS NK 46 SERIES 1301
TCS 8856/64
IB 389/64

REF ID: A66666
NK46
SHEET 1301



[illegible]

PRINTED BY ARMY MAP SERVICE, CORPS OF ENGINEERS. 458-11683

MODIFIED POLYCONIC PROJECTION OF THE INTERNATIONAL MAP OF THE WORLD

PURPLE LINES AT 100,000 METER INTERVALS AND PURPLE TICKS AT 10,000 METER INTERVALS INDICATE THE UNIVERSAL TRANSVERSE MERCATOR GRID. 500,000 INTERNATIONAL STATION

TOP SECRET RUFF

NOTE: NOTING TRENDS IN PROGRESS IN THIS MAP ARE SHOWN IN HUNDREDS AND THOUSANDS (METERS) TO CORRELATION WITH ADRIAN RAIN TRENDS. ALLEGATIONS: A. C. FROM CORRELATION: 1000 TO 10000.

HEIGHTS IN METERS

INDEX TO ADJOINING SHEETS

CHENG	CHENG	CHENG
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	NO. 45	NO. 46	NO. 47	.
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PHILIP	NAME	OCENHARD
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[illegible][illegible]

$\mathbb{R}^n$ is $\mathbb{R}^n$ with the standard inner product.

Integrating poor, 

THE DELINEATION OF INTERNATIONAL BOUNDARIES ON
THIS MAP MUST NOT BE CONSIDERED AUTHORITY.

7

2001/06/09 : CIA-RDP78T0

2001/06/09 : CIA-RDP78103

8

DATA CODE INFORMATION					TO OBTAIN STANDARD DISTANCE ON THIS SHEET, BE NEAREST TO 1000 METERS	
HEIGHT					LENGTH POINT - 1000 METERS	
NUMBER OF VERTICAL CORRECTIONS						
	CP	DP	EP	FP	1	1 Read values corresponding to the grid values in which the point was taken. 2 Go from the HORIZONTAL grid line to the 1000 ft point and estimate points from there to the point, using 1000 meter ticks as guide. 3 Go from the HORIZONTAL grid line to the 1000 ft point and estimate points from there to the point, using 1000 meter ticks as guide. 4 Go from the HORIZONTAL grid line to the 1000 ft point and estimate points from there to the point, using 1000 meter ticks as guide.
1000	CN	DN	EN	FN		
2000	CM	DM	EM	FM		
3000	CL	DL	EL	FL		
4000	CK	EK	FK			

GLOSSARY	EXPLANATORY NOTES
.....	REMARKED PHRASES
.....	ENDING Due to lack of specific stress data, proposed stages have been classified according to relative importance.
.....	BOUNDARIES
.....	N=1 = first syllable of the first syllable
.....	N=2 = first syllable of the second syllable
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SOUTHEAST ASIA

[illegible]

THE DELINEATION OF INTERNATIONAL BOUNDARIES ON
THIS MAP MUST NOT BE CONSIDERED AUTHORITY.

HAMI (KUMULI) SOUTHEAST ASIA

TOP SECRET RUFF



OFFICE OF THE CHIEF OF STAFF

25X5

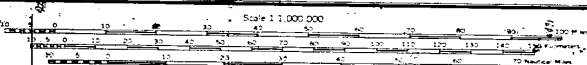
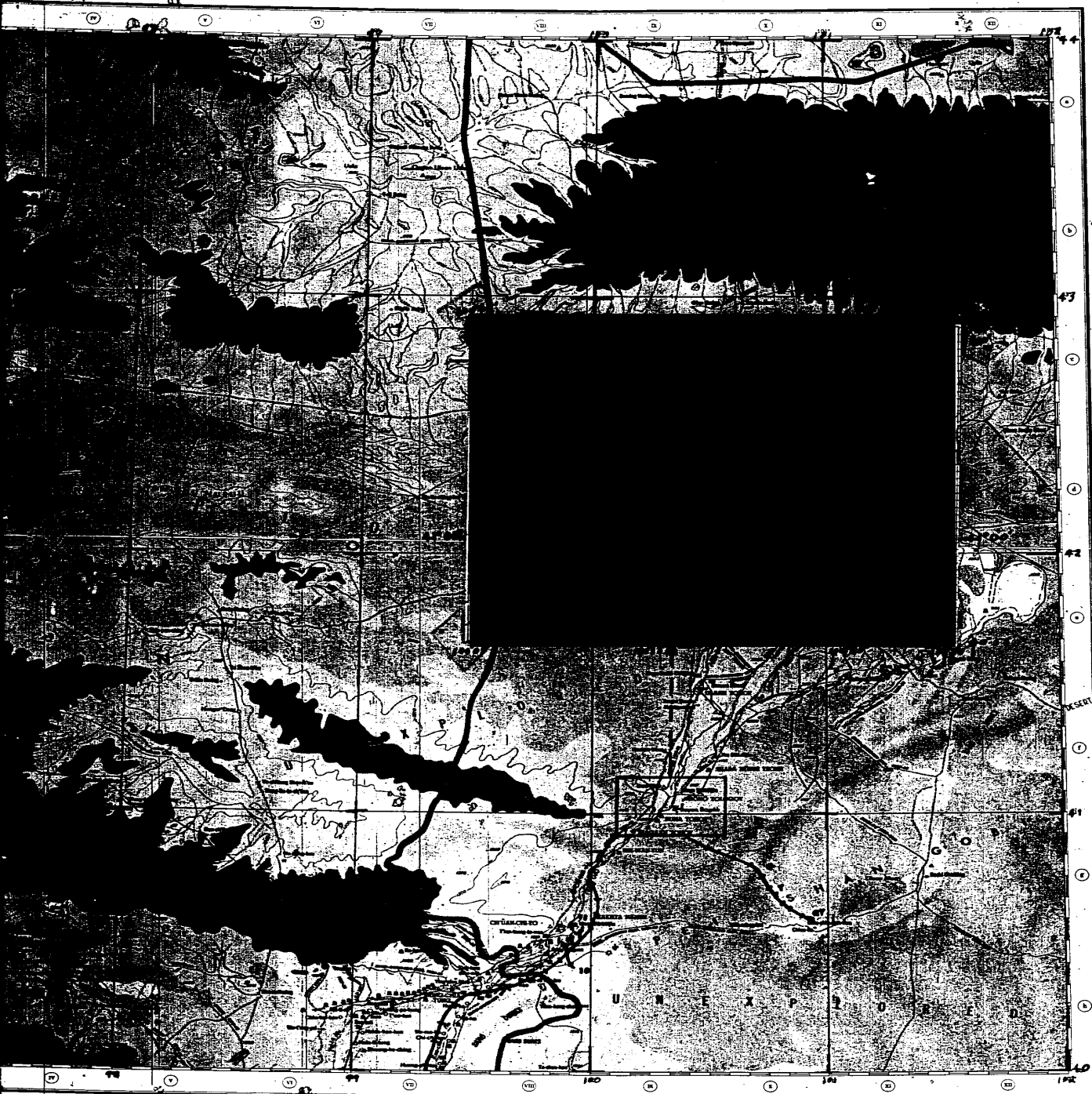
EDITION 1

AMS NK 47 SERIES 1301

TCS 8856/64

15 389/64

REFER TO THIS MAP AS:
SHEET NK 47
SERIES 1301



MODIFIED POLYCONIC PROJECTION OF THE INTERNATIONAL MAP OF THE WORLD

TOP SECRET RUFF

REPRODUCED BY THE ARMY

NAVY AND AIR FORCE

ARMY MAP SERVICE

12-62 PRINTED BY ARMY MAP SERVICE, CORPS OF ENGINEERS





CIA/PID/IB-P-1447/64

LEGEND

Topographic features: Mountains, Hills, Plateaus, etc.

Water features: Rivers, Lakes, etc.

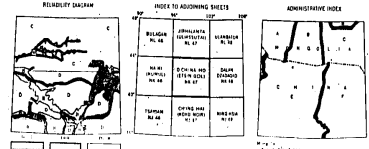
Administrative boundaries: Provinces, Prefectures, etc.

Place names: Ulan Bator, etc.

Scale 1:1,000,000

MODIFIED POLYCONIC PROJECTION OF THE INTERNATIONAL MAP OF THE WORLD

TOP SECRET RUFF



25X5

GLOSSARY

Chinese characters and their corresponding English meanings.

CHINA HO (ETSIN GOL), SOUTHEAST ASIA